

Name _____ Period _____

Geometry Unit 6 Worksheet #3 – Proportions continued

For #1 – 4, Find the measures of the angles.

- 1) The ratio of the angles of a triangle are 5:7:8. Find each angle.

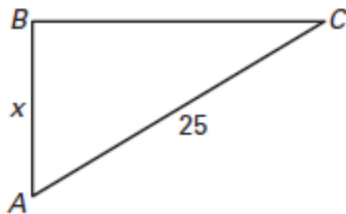
- 2) The ratio of the angles of a triangle are 2:5:3. Find each angle.

- 3) The ratio of the angles of a triangle are 7:14:15. Find each angle.

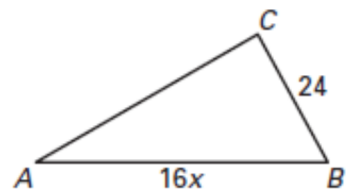
- 4) The ratio of the angles of a triangle are 5:6:7. Find the measures of the three angles.

For #5-8, use the ratio of the sides to solve for the variable.

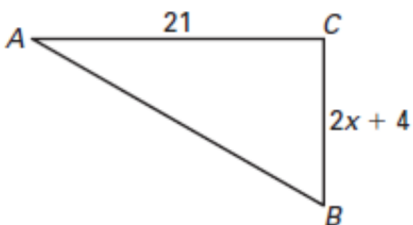
- 5) $AB:AC$ is 3 : 5.



- 6) $AB:CB$ is 2 : 1.



- 7) $AC:BC$ is 7 : 4.



- 8) $AB:AC$ is 15 : 8.

